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CZECZE, I.

The state and the tasks of the innovators' movement in metallurgy. p. 4.  
(Ujitok Lapja, Budapest, Vol. 6, no. 23, Dec. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

CHEGZE, L.

Current problems of the production of rolling mills. p. 245 (Kohasati Lapok.  
Budapest Vol. 11, no. 6, June 1956 Kohasati Lapok. Vol. 9 (i.e. 11) no. 6)

SO: Monthly List of East European Accessions (SEMI) LC., Vol. 6, no. 7, July 1957 Uncl.

CZECZE, László

Guiding principles of metallurgical power economy. Ipari energia  
1 no.1/4:55-57 J1-0 '60.

1. Koho- es Gepipari Miniszterium Vaskohászati Igazgatóság  
vezetője.

CZECZE, Laszlo

Guiding principles for the technical development of iron metallurgy  
in Hungary. Koh lap 93 no.4:171-180 Ap '60.

1. Koho- es Gepipari Miniszterium Vas- es Femkohaszati Iparigazgatosag  
vezetoje.

CZECZE, Laszlo (Budapest, XI., Bartok Bela ul 152/B)

Protection against bugs. Auto motor 16 no.8:5 21 Ap '63.

CHOLMEZIN, A. I.

RUSS

MI: 17:13703

with G. E. KAGAN

Organicheskiyevysokotemperaturnyye tseli i ichi prikladnye w.  
promyshlennosti.

Moskwa: Khimicheskoye. 1961. 171 s.

Reviewed in French Chem. 31, 375 (1961).

CZECZERDA, H.

"One Year's Activity of the Interassociation Group of the Central Technical Organization in the Polish Committee on Standards," P. 269. (WIADOMOSCI, Vol. 22, No. 5, May 1954. Warszawa, Poland)

SO; Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

CZECZERDA, Wanda, mgr

Assignments and utilization of apartments in the new developments  
of the city of Warsaw. Inst bud mieszk prace 12 no.35:109-127 '62.

CZFCZERDA, Wanda, mgr

Housing conditions and desires of various population groups.  
Inst bud miesz prace 15 no.44:1-101 '64.

CZECZOT, Jozef, inz.

The two-way drawing and inclinable press; type PPDw-25.  
Mechanik 35 no.9:526 '62.

1. Brzeskie Zaklady Przemyslowe, Brzesc.

CZECZUGA, B.

Relict crustaceans in Rajgrad lakes. p. 169

EKOLOGI POLSKA. SERIA B. (Polska Akademia Nauk. Komitet Ekologiczny  
Warszawa, Poland. Vol. 5, no. 2, 1959

Monthly list of East European Accession (EFAI) LC Vol. 9, no. 1, Jan. 1960

Uncl.

CZECZUGA, B.

The content of chlorophyll in the bottom deposits of the Rajgrodzkie  
lakes in the postglacial period. Polskie arch hydrobiol 6:155-172  
'59. (EEAI 9:8)

(Poland--Chlorophyll) (Poland--Lakes)

CZECZUGA, B.

Oviposition in Endiaptomus gracilis G. O. Sars and Endiaptomus  
gracilis G. O. Sars and Endiaptomus gracilloides Lilljeborg  
(Diaptomidae, Crustacea) in relation to season and trophic level  
of lakes. Bul Ac Pol biol. 7 no.6:227-230 '59 (REAL 9:6)

1. Laboratory of Biology, School of Medicine, Bialystok presented  
by K. Petrusiewicz.  
(Crustacea) (Poland-Endiaptomus)  
(Diaptomus)

CZECZUGA, B.

Changes in hemoglobin content in *Tendipes f.l. plumosus* L.  
larvae in the Lake Rajgrodzkie in the summer stagnation period.  
Bul Ac Pol biol 7 no.9:363-365 '59. (EEAI 9:6)

1. Laboratory of Biology, School of Medicine, Bialystok.  
Presented by K. Petruszewicz.  
(Poland-- Tendipedidae) (Hemoglobin)

CZECZUGA, B.

Changes in the fertility of some representative of the zooplankton.  
I. Crustacea from the Rajgrad lakes. Polskie arch hydrobiol 7:61-91  
'60. (EEAI 10:3)

(Poland--Crustacea)

CZECZUGA, B.

The hemoglobin content in *Tendipes f.l. plumosus* L. (Tendipedidae)  
larvae of Rajgrad Lake during different seasons of the year.  
Polskie arch hydrobiol 7:93-102 '60. (EKAI 10:3)  
(Poland--Tendipedidae) (Hemoglobin)

CZECZUGA, Bazyli, dr.

An attempt of establishing the numerical and production  
relations of bacterioplankton biomass. Acta hydrobiol 4 no.1:  
1-20 '62.

1. Zakład Biologii Medycznej, Białystok, ul. Kilńskiego 1.

CZECZUGA, Bazyli, dr.

Changes in the chlorophyll amount in pond water during the day. Acta hydrobiol 5 no.2/3:137-145 '63.

1. Zakład Biologii, Akademia Medyczna, Białystok, Kilńskiego 1.

CZECZUGA, B.; BASZYNSKI, T.

Some hydrochemical data of the waters of Lake Rajgrad.  
Polskie archiw hydrobiol 11 no. 3: 267-274 '63.

1. Zaklad Biologii, Akademia Medyczna, Bialystok.

CZECZUGA, B.

Vertical distribution of chlorophyll in certain Masurian lakes. Polskie arch hydrobiol 12 no. 1:17-45 '64.

1. Institute of Biology, School of Medicine, Bialystok.

CZECZEY, Gyorgy

The Three-Year Plan of developing the furniture industry. Faipar  
8 no.1/2:1-2 Ja-F '58.

PHILIP, Miklos; GAL, Odon; CZEDREKY, Laszlo

Conference on the exchange of technical experiences arranged by the executive committees of the rural areas. Musz elet 19 no.3:2 30.Ja'64.

1. Minzaki es Termeszettudomanyi Egyesuleted Szovetsege fotitkarhelyettese (for Philip). 2. Muszaki es Termeszettudomanyi Egyesuleted Szovetsege Kozponti titkara (for Gal). 3. Muszaki es Termeszettudomanyi Egyesuletek Szovetsege debreceni interbizottsagi titkara; orszaggyulesi kepviselo (for Csedreky).

CZEGELY, Tibor, fokuorveto

Auditing commission of trade unions. Munka 5 no.7:51-52 J1 '55.

1. Helyipari es Varosgazdasagi Dolgozok Szakszervezete.

CZEGI, J.

13756\* Investigation of the Friction Properties of Bearing Metals. (Hungarian.) József Czegi, Aluminium (Budapest), v. 5, no. 2, Feb. 1953, p. 31-43.

1-974  
Reports on extensive investigation by the Hungarian Bronze Committee on Al, bronze, and Fe bearings. Results are evaluated theoretically and practically. Tables, graphs. 19 ref.

✓ 61. Results obtained with aluminum-silver antifriction  
alloys. *Proc. Soc. 1938, No. 3, pp. 327-331.*

Tests have been made with aluminum-silver bearing metals. One of the approved alloys contained 5% silver and 1% lead, the other 17% silver and 1% lead. The Brinell hardness of the former was 75-95 that of the latter 23-115, compressive strengths being 17.2 and 12 kg/mm<sup>2</sup> respectively. This proves that the silver content has an essential influence on hardness and strength. The alloy mentioned first is therefore suitable for the production of compact bushes whereas the second can only be used for linings. The alloys were tested on a bearing testing apparatus and installed in engines on dynamometer test stands. Comparative tests with high-speed white metal bearings were conducted which proved to be trouble-free in operation and to have sufficiently favorable sliding properties. Aluminum-silver alloys completely satisfied requirements in respect to structural constitution.

CZEGI, Jozsef, dr., akademikus, egyetemi docens

Research initiatives - factory tasks. Ujit lap 14 no.19:5  
10 0 '62.

1. Budapesti Muszaki Egyetem Gepelomok Tanszeke.

REKASI, Tibor; CZEGKA, Miklos

Experiments on the rapid pretreatment of fruits in sugar juice. Konzerv paprika no.2:51-57 Mr-Ap '63.

1. Muzsaki Egyetem Elelmiszerkémiai Tanszek.

REKASI, T.; CZEGRA, M.

Theoretical questions relating to vitamin B12. Magyar  
paprika no. 6:133-135 N-9 '63.

1. Chair of Food Chemistry, Budapest Technical University.

CHILLY, E., Asheeri, W.

Building (rounding of concentrator on ring of fiber segments, p. 17.  
(J. AVANTI 1961. Vol. 11, no. 1/2, Jan/Feb. 1967, subject: Enzyme)

See: Monthly List of East European Occasions (1961) 12. Vol. 4, no. 12, Dec. 1967.  
Encl.

CZEGLEDI, B.

Electrolysis of roasted zinc concentrates originating from Gyöngyösorszi (Hungary) from electrolytes manufactured by leaching. <sup>5</sup> ~~Lajos Samolka and Béla Czeglédi~~ <sup>4826</sup> (Fémipari Kutató Intézet, Budapest, Hung.). ~~Fémipari Kutató Intézet Közleményei No. 2, 178-83 (1958).~~ Tests were conducted to establish the optimum operating conditions for the manuf. of Zn from the electrolyte obtained by leaching the roasted concentrates. Operation at approx. 7 amp./sq. dm. c.d. and Zn concn. of the electrolyte during the operation from an initial 130 to a final 60 g./l., corresponding to an acidity range of 100-200 g. H<sub>2</sub>SO<sub>4</sub>/l. were recommended to achieve lowest energy consumption. <sup>1/11</sup> ~~J. G. Arvai~~

ROTH, Hannelore; CZEGLEDI, L.; MACAROVICI, Const. Gh.

Composition and stability of complexes of Zr(IV) and Hf  
(IV) with D-gluconic and D-saccharic acids. Studii  
cerc chimie Cluj 14 no.1:69-80 '63.

1. Institute of Chemistry, Rumanian Academy, Cluj Branch.
2. Corresponding Member of the Rumanian Academy (for  
Macarovici).

MACAROVICI, Const. Gh.; CZEGLEDI, L.

Obtaining theorium combinations with D-gluconic and D-saccharic acids. Rev chimie Roum 9 no.6/7:411-424 Je-Jl '64

1. Institute of Chemistry of the Rumanian Academy, Cluj Branch, 52-65 Dumitru St.

MACAROVICI, Const. Gh.; CZEGLEDI, L.

Obtained thorium combinations with D-gluconic and D-saccharic acids. Studii cerc chim 13 no.6/7:419-431 Je-Jl '64

1. Institute of Chemistry of the Rumanian Academy, Cluj Branch, 59-65 Dorath St.

CZEGLEDI, Sandor

Debrecen railroadmen in Katowice. Magy vasut 8 no. 9:6  
4 My '64.

CZEGLEDI, Sandor (Debrecen)

Preparations for the Railroadmen's Day in Debrecen. Magy vasut  
7 no.13:1 2 J1 '63.

HUNGARY/Chemical Technology - Chemical Products and  
Their Applications. Synthetic Polymers, Plastics.

K-1

Abs Jour : Ref Zhur - Khimiya, No 2, 1958, 6377

Author : Czegledi-Janko Geza

Inst

Title : Preparation of Resins from Higher Homologs of Phenol and Formaldehyde for the Production of Boards from Wood Chips at the Wood Processing Plant.

Orig Pub : Faipar, 1956, 6, No 4, 96-100

Abstract : As the resin "XY-MH" which is produced by means of condensing high boiling zylenols with formaldehyde in the presence of  $\text{Ca}(\text{OH})_2$  (Hungarian pat. 143171) has a relatively low storage and transport stability, and the passing of 2-3 days renders its use difficult, it is recommended that the resin be prepared directly at the wood processing plants, especially since the production technology of the resin is simple (the condensation temperature does not

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HUNGARY/Chemical Technology - Chemical Products and Their  
Application. Synthetic Polymers, Plastics.

K-1

Abs Jour : Ref Zhur - Khimiya, No 2, 1958, 6377

exceed 70°C; "XY-MH" requires no concentration by  
evaporation.)

Card 2/2

CZEGLEDI-JANKO, Geza, dr.

Baby-food industry in Hungary. Nepegeszségügy 45 no.2:51-55  
F'64.

1. Közlemény az Országos Élelmezés - és Táplálkozástudományi  
Intézetből; igazgató: Robert Tarján, dr., egyetemi tanár.

\*

CZEGLEDY, K.

Recent results in manufacturing the potentiometer in Hungary. p.109. (Kozlemenyel. Budapest. Vol. 20, no. 1/2, 1956.)

SO: Monthly List of East European Accessions (SEMI) 12., Vol. 6, no. 7, July 1957. Incl.

KATONA, Janos, a muszaki tudományok kandidátusa; DEAK, Pal; KIMMEL, Jenő;  
CZEGLEDI, Karoly; KOVACS, Gyula

Research results on parts in the field of telecommunication  
techniques; also remarks by P.Deak and others. Muszaki kozl MTA  
26 no.1/4:235-252 '60. (EEAI 9:10)  
(Telecommunication)

CZEGLEDY, Karoly; ISTVANFFY, Edvin; BRADA, Ferenc; KATONA, Janos; KOVACS,  
Gyula, LUDANYI, Jozsef

Mass production of electrolytic condensers; also, remarks by  
E.Istvanffy and others. Muszaki kozl MTA 26 no.1/4:267-268 '60.  
(EEAI 9:10)

1. Mechanikai Muvek (for Gzegledy)  
(Condensers (Electricity))

BRADA, Ferenc; LORINCZ, Imre; KATONA, Janos; PICHLER, Ferenc; CZEGLÉDY,  
Karoly; NEUHOF SUSKI, Laszlo

Miniature and transistor electric-circuit parts; also, remarks by  
E.Lorinc and others. Muszaki kozl MTA 26 no.1/4:301-319 '60.

(EEAI 9:10)

1. Remix Radiotechnikai Gyar (for Brada)  
(Electric circuits) (Transistors)

TARJAN, Robert, dr.; CZEGLEDI-JANKO, Geza, dr.

Dietetic food products. Elelm ipar 17 no.1:5-9 Ja '63.

1. Orszagos Elelmezes- es Taplalkozastudomanyi Intezet.

Distr: 4820

A procedure for the concentration and separation of titanium- and zirconium-containing minerals, starting with the detritus product from the dacites of the Vladeasa Mountains. C. Gh. Macarovici, B. Stoicovici, L. Cretkidy, and H. Roth (Chem. Inst., Cluj, Romania). *Academy, Republic Romania, Studii cercetari chim.* 6, 51-7 (1968) (French and Russian summaries).—The raw material is submitted to a 1st sepn. in water; by gravitation the majority of the sterile material is eliminated. The material thus enriched in minerals is submitted to a selective electromagnetic sepn. done by a special instrument conceived for that purpose. The instrument is composed of an electromagnet and rotating disk whose distance from poles of the electromagnet can be varied, between which passes an endless band on which the mineral to be sepd. is placed. The width of this band is less than the diam. of the disk. When in operation the mineral is attracted to the disk, which upon rotation brings it outside the field, and drops from the disk. By selecting the distance between the disk and the electromagnet and also the intensity of the current, many seps. can be made. In this case titaniferous magnetite is first sepd., then ilmenite, and finally titaniferous amphibole and Zr. A. Resist

CASCLY-JANNO G.

Present status of the control of baby food preparations.

Budapest, Hungary. Elmezesrinditanyi Intezet. Budapest. Budapest, 1960.

Monthly list of East European accession (1960) 13, vol ~~XXXXXXXXXXXXXX~~  
9, no. 2, Feb. 1960  
Encl.

SZITA, J.; CZECH, Katherine; BOGNAR, S.

An improved method for the cultivation of bacteria from blood. Acta  
microb. hung. 8 no.4:363-~~369~~ '61.

1. State Institute of Hygiene and Laszlo Hospital, Budapest.

(SEPTICEMIA blood) (BACTERIA culture)

SZITA, Jozsef, dr.; CZEH, Katalin, dr.; BOGNAR, Szilard, dr.

A new method for cultivation of bacteria from the blood. Orv. hetil.  
103 no.2:63-67 Ja '62.

1. Orszagos Kozegeszsegugyi Intezet es Fovarosi Laszlo Korhaz.

(SEPTICEMIA microbiol)

CZEH, Miklos, okleveles kohomernok

Some tests on the hereditability of the properties of crude iron. Koh lap 96 nc.11:258-262 N°63.

1. "Kohaszati Lapok" szerkeszto bizottsagi tagja.

CZEINAI, R.

"Some problems of thermoelectric measuring of temperature." p. 348

IDOJARAS. (Meteorologiai Intezet es Magyar Meteorologiai Tarsasag)  
Budapest, Hungary, Vol. 62, No. 6, Nov./Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959.  
Uncl.

MURESANU, P.L.; CZEISLER, Gh.

Contributions to the knowledge of the quality of forage plants based on the nature of amino acids; a preliminary note. Studii chim Timisoara 6 no.3/4:127-133 J1-D '59. (EEAI 10:4)

1. Comitetul de redactie, Studii si cercetari stiinte chimice, membru al Comitetului de redactie (for Muresanu)  
(Forage plants) (Amino acids)

MURESANU, P. L., prof.; CZEISLER, Ghizela

Contributions to the knowledge of the kind of amino acids in the nitrogenous substances of the humic acids of the various types of soils in the Timisoara region. Studii chim Timisoara 7 no.3/4: 329-334 J1-D '60. (EEAI 10:9/10)

1. Comitetul de redactie, Studii si cercetari stiinte chimice, Timisoara (for Muresanu).

(Rumania—Soils) (Amino acids) (Nitrogen)  
(Humic acids)

MURESANU, P.L.; CZEISLER, Ghizela; LAZAR, M.

Chemical and biochemical research on vegetable produce. Pt. 3.  
Studii chim Timisoara 9 no.3/4:353-359 JI-D '62.

MURESANU, P.L.; CZEISLER, Ghizela; VILCEANU, Nicoleta; RACUTIANU, Gh.;  
PETRESCU, G.

Contributions to the knowledge of humus dynamics, the nature and  
characteristics of its components, in different kinds of soil in the  
western part of Rumania. Studii agr Timisoara 9 no.3/4:369-386 J1-D  
'62.

MURESANU, P.L.; OZEISLER, Ghizela; VILCEANU, Nicoleta; RACUTIANU, Gh.;  
PETRESCU, C.

Contributions to the knowledge of humus dynamics, nature, and  
characteristics of its components, in different types of soil  
in the western part of Rumania. Studia Univ B-B S Chem 8 no.1:  
507-508 '63

1. Institute of Agriculture, Timisoara.

CZEIZEL, Endre, dr.; PALKOVICH, Imre, dr.

Role of the venous and lymphatic circulation in the development of follicular cysts of the ovary. Orv. hetil. 102 no.52:2468-2471 D '61.

1. Budapesti Orvostudományi Egyetem, Anatómiai Intézet, Budapesti Fővárosi Tanács János Kórház, II Szülészeti Osztály.

(OVARIES pathol)

CZEIZEL, Endre, dr.; VACZO, Gyorgy, dr.; KERTAI, Pal, dr.; Technikai munkatars:  
DRINOCZY, Lajos

The effect of the bone marrow on liver regeneration in normal and  
x-irradiated rats. Magy. radiol. 14 no.2:113-117 Mr '62.

1. Orszagos Kozegeszsegugyi Intezet es Fovarosi Istvan Korhaz Ront-  
genosztalya.

(BONE MARROW transpl)	(RADIATION INJURY exper)
(LIVER physiol)	(REGENERATION)

FOLDVARI, I. Peter; CZEIZEL, Endre; KERESZTES, Miklos; PALKOVITS, Miklos

Effect of individual components of so-called pineal complex on the absorption of Na<sup>24</sup> from the small intestine. Kiserl. orvostud. 14 no.2:142-146 Ap '62.

1.Orszagos Kozegeszsegugyi Intezet, Eletteni es Korelettani Osztaly, Budapest.

(SODIUM metab) (INTESTINE SMALL physiol)  
(PINEAL BODY physiol)

H/021/62/000/005/001/002  
E063/E435

2011220  
AUTHORS: Czeizel Endre, Doctor, Vaczó György, Doctor,  
Kertai, Pal, Doctor

TITLE: The effect of bone marrow irradiated in vivo and in  
vitro on the liver regeneration of rats

PERIODICAL: Magyar radiologia, no.5, 1962, 293-297

TEXT: Partially hepatectomized rats were exposed to whole-body irradiation of 100 to 1000 r. A suspension of in vivo irradiated bone marrow was prepared from the femurs and tibias of some of the exposed rats. A suspension was also prepared from bone marrow taken from unexposed animals and irradiated in a test tube. These suspensions were injected into the bones of healthy animals and their effects studied. A considerable decrease was observed in the liver regeneration in rats exposed to whole-body irradiation, although their liver region was protected by sheet lead; this is attributed to bone marrow irradiation. Irradiation of bone marrow or injection into the bones of healthy animals of a suspension of in vivo irradiated bone marrow inhibits the liver regeneration in proportion with the  
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The effect of bone marrow ...

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dose of exposure. Injection of in vitro irradiated bone marrow suspension stimulated regeneration provided that the doses did not exceed 400 r but had an inhibitory effect if the dose was above 400 r. The possible use of irradiated bone marrow for inhibiting the mitotic process in embryonal or tumour cells will be the subject of further study. There are 1 figure and 3 tables.

ASSOCIATION: Országos Közegészségügyi Intézet, Kórélettan Osztály  
és Fővárosi István Kórház, Röntgen Osztály  
(Department of Pathological Physiology, National  
Institute of Public Health and Department of  
Radiology St. Stephen Metropolitan Hospital)

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H/021/62/000/005/002/002  
E063/E435

AUTHORS: Czeizel Endre, Doctor, Vaczó György, Doctor,  
Dolla Kálmán, Doctor, Kertai Pál, Doctor

TITLE: The effect of spleen cell suspension and splenectomy on  
the liver regeneration in whole-body irradiated rats

PERIODICAL. Magyar radiologia, no.5, 1962, 298-303

TEXT: Partially hepatectomized rats were exposed to irradiation (500 r) and afterwards intraperitoneally injected with a normal spleen cell suspension or with one taken from in vitro irradiated (500 to 1000 r) spleen cells. This was done to determine whether such a treatment prevents a decrease in the liver regeneration usually observed after irradiation. Results: Injected normal spleen cell suspension not only lowered the general mortality rate but also prevented an inhibition of the liver regeneration after irradiation. Splenectomy before irradiation had a certain protective effect. The irradiated spleen cell suspension did not produce such a protective effect. Injected spleen cell suspension did not stimulate the liver regeneration in rats, although such stimulation was observed in mice. This divergence

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The effect of spleen cell ...

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E063/E435

is explained by the fact that in the spleen of mice the rate of extra medullar myelopoiesis is higher whilst in the spleen of rats the rate of erythropoiesis and lymphopoiesis is higher. There are 2 tables.

ASSOCIATION: Országos Közegészségügyi Intézet Kórélettani Osztály  
és Fővárosi István Kórház, Röntgen Osztály  
(Department of Pathological Physiology, National  
Institute of Public Health and Department of  
Radiology St. Stephen Metropolitan Hospital)

Card 2/2

CZEIZEL, Endre; TUZSON, Pál

Separation of estrogens with a paper chromatographic method with various solvents at a room temperature. Kiserl. orvostud. 14 no.3: 332-335 Je '62.

1. Országos Kozegészségügyi Intézet.  
(CHROMATOGRAPHY) (ESTROGENS chem)

43058

H/021/62/000/002/001/001  
I067/I267

27.12.20

AUTHORS: Czeizel Endre, Vaczó György, Kertai Pál (Doctors)

TITLE: The effect of bone marrow on the regeneration of the  
liver in normal and X-ray treated rats

PERIODICAL: Magyar Radiologia, no.2, 1962, 113-117

TEXT: The regeneration of the liver in rats is increased by  
extract of bone marrow. On the other hand, irradiated suspension  
of bone marrow has a strong inhibitory effect upon liver regenera-  
tion. Radiation therapy of the whole body reduces the regeneration  
of the liver, even when the liver region is protected by lead plate.  
The inhibitory effect is mitigated, if not prevented, by the admini-  
stration of bone marrow suspension. Bone marrow irradiated in  
vitro has no effect. There are 2 tables.

ASSOCIATION: National Health Institute and Dept. of Röntgen,  
Istvan Hospital, Budapest

Card 1/1

CZEIZEL, Endre; PALKOVICH, Imre, dr.

On the ovarian lymphatic system. *Magy.noorv.lap.* 20 no.6:  
351-358 II '59.

1. Budapesti Orvostudományi Egyetem Anatómiai Intézet (Igazgató:  
Kiss Ferenc dr. egyetemi tanár) és a Budapest Fővárosi Tanács  
János Kórház (Igazgató: Tóth József dr.) II. Szülészeti  
Osztályának (Főorvos: Hancsok Mariusz dr.) közleménye.  
(OVARIES anat & histol)  
(LYMPHATIC SYSTEM anat & histol)

FOLDVARI, I.P.; CZEIZEL, E.; SIMON, G.; PALKOVITS, M.; KERTAI, P.

The influence of the subcommissural organ on the resorption of water and electrolytes from the small intestine. Acta physiol. acad. sci. hung. 22 no.1:43-50 '62.

1. Pathophysiological Department of the State Institute of Public Health, Institute of Anatomy, and Institute of Pathophysiology, Medical University, Budapest.

(CEREBRAL VENTRICLES) (INTESTINE, SMALL) (WATER)  
(ELECTROLYTES)

PALKOVITS, M.; CZEIZEL, E.; PALKOVICH, I.; VACZO, Gy.

The ovarian cells as affected by direct and general X-ray irradiation. Acta chir. acad. sci. Hung. 4 no.4:i-vii '63.

1. Institute of Anatomy, Medical University of Budapest and Department of Radiology of the "Istvan" Hospital of the City of Budapest.

✓

PALKOVICH, M. [Palkovits, M.]; TSEYZEL, E. [Czeizel, E.]; PALKOVICH,  
I. [Palkovits, I.]; VATSO, D. [Vaczo, D.]

Scientific and technical problems of roentgenology. Periodica  
polytechn electr 7 no. 4: I-VIII '63.

1. Soobshcheniye anatomicheskogo instituta Budapeshtskogo  
Meditssinskogo Universiteta (zaveduyushchiy kafedroy dots.  
Tibor Donat) i Rentgenovskogo otdeleniya Budapeshtskoy  
Bol'nitsy imeni Ishtvana (zav.otdeleniyem: Dr.V.Zhuzhanna  
Leykhner).



HUNGARY

CZEIZEL, Endre, BOLLA, Kalman; National Institute of Public Health,  
Department of Pathological Physiology (Orszagos Kozegeszsegügyi Inte-  
zet, Korelettani Osztaly), Budapest.

"Possibilities for the Exclusion of Contaminants in the Chemical De-  
termination of Urinary Estrogens."

Budapest, Kiserletes Orvostudomany, Vol 15, No 2, Apr 63, pp 213-222.

Abstract: [Authors' Hungarian summary] Chemical estrogen determination on urine is complex and lengthy because chromogenic materials, similar in physical and chemical properties to the estrogens, interfere in the quantitative analysis and may be separated from the estrogens only with difficulties. The authors compared the hydrolytic, extractive and purification procedures described in the literature, in order to find the most suitable method for the exclusion of contaminating chromogens. They find that there is no fully satisfactory such method as yet but that enzymic hydrolysis, washing of the ether extract with Brown's solution, neutralization of the alkaline extract before shaking with ether, separation of the second ether extract into weakly and strongly phenolic

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BOGNAR, Zoltan, dr.; CZEIZEL, Endre, dr.; HANCSON, Mariusz, dr.; HEGYESI, Gyula, dr.

Results obtained in the listeriosis screening test in an obstetrical ward. Orv. hetil. 103 no.44:2079-2081 4 N '62.

1. Fovarosí Tanács János Korház, II. Szülészeti Osztály és Országos Képezésszolgálati Intézet.

(LISTERIA INFECTIONS)      (PREGNANCY COMPLICATIONS)

CZEIZEL, Endre, dr.; PALKOVICH, Imre, dr.

Factors causing follicular rupture with special reference to the role of lymphatic circulation. Magy. noorv. lap. 25 no.6:369-378 N '62.

1. Budapesti Orvostudományi Egyetem Anatómiai Intézet (Igazgató: Kiss Ferenc dr. egyetemi tanár) és a Budapesti Fővárosi Tanács János Kórház (Igazgató: Tóth József dr.) II. Szülészeti Osztályának (Főorvos: Hancsok Mariusz dr.) közleménye.

(OVULATION) (OVARY) (LYMPH) (ESTROGENS) (OSMOSIS)

H/021/63/000/001/001/001  
D296/D307

AUTHORS: Sulyok, N.S., Czeizel, E., Gyürü, G. and Vaczó, G.,  
Doctors

TITLE: Investigation of the protective effect of cystamine

PERIODICAL: Magyar Radiologia, no. 1, 1963, 49-51

TEXT: The authors exposed 20 white mice each weighing 17-23 g, to total body radiation in a dose of 650 r (180 kV, 15 mA, 0.5 mm Cu filter, distance 40 cm, dose rate 67.6 r/min). 10 mice were given 0.15 mg/g 'Lambratene' (a preparation of cystamine or  $\beta$ -mercaptoethylamine, produced by Bracco Industria Chimica S.p.A., Milan) 5 minutes before exposure, and 10 others served as a control. Seven days after exposure only 4 of the control mice and 9 of the mice treated with Lambratene were alive. After 12 days all control mice had perished but 9 mice of the treated group were still alive, demonstrating the protective effect of cystamine. To show whether Lambratene protected the bone marrow function against radiation the authors used Kertai's starch test (Kisérl. Orvostud, v. 10, 15 (1958));

Card 1/3

Investigation of the ...

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D296/D307

injection of 5 ml/kg of a 5% aqueous starch solution causes a marked granulocytosis in normal rabbits, but exposure to 400 r suppresses this bone marrow response. Experiments on 19 rabbits revealed no difference between irradiated rabbits treated and not treated with Lambratene. The bone marrow response after injection of starch was absent in both groups, i.e. Lambratene failed to protect the bone marrow against the damaging effect of radiation. In the third group of experiments the authors carried out partial extirpation of the liver in 79 rats from the same breeding station of the National Institute of Public Health and assessed the regeneration of liver tissue, by the formula of Canzanelli (Canzanelli et al., Endocrinology, v. 91, 45, 1949). In 27 non-irradiated rats the liver regeneration index was 86.4%. In 17 rats exposed to 500 r this index fell to 59.6%. In 9 irradiated rats treated with Lambratene given in a dose of 0.1 mg/g by intraperitoneal injection 5 minutes before exposure, the liver regeneration index reached 79.8%, i.e. the regenerating capacity of the liver was almost fully restored. Treatment of 10 non-irradiated rats with Lambratene caused a slight fall in the regeneration index (to 86.4%), a fact explained by the antimito-

Card 2/3

Investigation of the ...

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D296/D307

tic effect of that preparation. There are 1 figure and 2 tables.

ASSOCIATION: Fővárosi Tanács István Kórház Röntgen Osztály és  
Országos Közegészségügy Intézet Koréléttani Osztály  
(Department of Radiology, St. Stephen's Hospital,  
Metropolitan Council of Budapest, and Department of  
Physiology, National Institute of Public Health)

Card 3/3

BOGNAR, Zoltan, dr.; CZEIZEL, Endre, dr.; HANCSEK, Mariusz, dr.

Retrospective evaluation of 500 cases in determining the cause of spontaneous abortion. Magy. noorv. lap. 26 no.1:58-64 Ja '63.

- I. Budapesti Fovarosi Tanacs Janos Korhaza (Igazgato: Tako Jozsef dr.)
- II. Szuleszeti Osztalyanak (Foorvos: Hancsek Mariusz dr.) kozlemenye.  
(ABORTION)

PALKOVICH, Imre, dr.; HANCSON, Mariusz, dr.; CZEIZEL, Endre, dr.

Etiology of follicular cysts. Magy. noorv. lap. 26 no. 4: 226-233 J1  
'63.

1. A Budapesti Fővárosi Tanács Janos Korhaza (igazgató: Takó József  
dr.) II. Szülészeti Osztályának (Főorvos: Hancsok Mariusz dr.)  
közleménye.

CZEIZEL, Endre, dr.

Isolation of 17-beta-estradiol and 6 estrogen metabolites (estron, estrio, 16-epi-estriol, 2-metoxo-estrone, 16-keto-17 beta-estradiol and 16 beta-hydroxyestrone) from the urine of pregnant women. Magyar orv. lap. 26 no.6:356-364 M '63.

1. Orszagos Közegeszegüyl Intezet, Korelettan Osztaly.

CZEIZEL, Endre, dr.; VACZO, Gyorgy, dr.; KERTAI, Pal, dr.; Technikai  
munkatars: DRINOCZY, Alajos

On the problem of radiotoxins. Magy. radiol. 15 no.6:356-360  
N '63.

1. Orszagos Kozegeszsegugyi Intezet, Korelettani Osztaly es  
Fovarosi Istvan Korhaz, Rontgen Osztaly kozlemenye.

(RADIATION INJURY, EXPERIMENTAL)  
(LIVER FUNCTION) (ERYTHROCYTES)  
(LEUKOCYTES) (BLOOD) (MUSCLE)

SIMON, Gy; FOLDVARI, P.; CZEIZEL, E.; SZUCS, J.

Effect of the simultaneous administration of gluco-and mineralo-corticoids on the Na<sup>24</sup> absorption capacity of the small intestine. Kiserl. orvostud. 16 no.2:203-205 Ap'64

L. Budapesti orvostudományi Egyetem Korelettani Intézete és Országos Kozegeszsegugyi Intézet Korelettani Osztalya.

\*-

CZEIZEL, Endre, dr.; BOGNAR, Zoltan, dr.; HANCSEK, Marius, dr.; ZOLTAI,  
Nandor, dr.; JANKO, Maria, dr.; ZOLTAI, Laszlo, dr.

Toxoplasmosis in pregnancy. Orv. hetil. 105 no.27:1259-1265  
5 J1'64.

1. Országos Kozegeszsegugyi Intezet es Fovarosi Tanacs Janos  
Korhaz, II. Szuleszeti Osztaly.

HANCOK, Mariusz, dr.; BOGNAR, Zoltan, dr.; CZEIZEL, Endre, dr.

Evaluation of our cases suggesting toxoplasmosis. Magy.noorv.  
lap. 27 no.1:13-18 J '64.

1. Budapest Fovarosi Tanacs Janos Korhaz (Igazgato: Tako Jozef  
dr.) II. Szuleszeti Osztely (Foorvos: Hancsok Mariusz dr.) es az  
orszagos Kozegeszsegegugyi Intezet (Folgazgato: Prof. Bakacs Tibor  
dr.) kozlemenye.

\*

CZEIZEL, Endre, dr.; HANCSEK, Mariusz, dr.; PALKOVICH, László, dr.

The role of lymph circulation in the transportation of estrogens. Orv.hetil. 105 no.5:208-209 2F '64.

1. Országos Közegészségügyi Intézet (Főigazgató: Bakács Tibor dr.),  
Kóreltani Osztály (Oszt. vezető: Kertai Pál dr.) és Fővárosi  
Tanács János Kórház, II. Szülészeti Osztály (Főváros: Hancsek  
Mariusz dr.).

\*

L 45055-65 EMO(j)/EMI(m)

ACCESSION NR: AP5014279

HU/0021/64/000/006/0355/0358

AUTHOR: Czeizel, E. (Tseyzel, E.) (Doctor); Majorossy, K. (Mayoroshi, K.) (Doctor); Keresztes, M. (Kerestesh, M.) (Doctor); Gorgenyi, A. (Gergen'i, A.) (Doctor)

TITLE: Effect of radiotoxins on the intra-uterine development of the fetus

SOURCE: Magyar radiologia, no. 6, 1964, 355-358

TOPIC TAGS: radiation sickness; radiology

ABSTRACT: (Authors' English summary modified) The effect of a single as well as continuous intraperitoneal injection of bone marrow suspension which has, in vitro, been irradiated with 1000 r, on the development of rat fetuses has been examined by the authors. Treatment before the implantation reduced the number of young animals significantly. When injected during the period of organogenesis, no malformations were caused by the irradiated bone marrow suspension. The radiation injury of the fetus is undoubtedly due to the local effect of the ionizing radiation.

Orig. art. has 3 tables.

ASSOCIATION: Orszagos Koszegeszsegugyi Intezet, Korelettani Osztaly (Department of Pathophysiology, National Public Health Institute); Budapesti Orvostudomanyi Egyetem Anatomicai Intezet es Rontgen Klinika (Institute of Anatomy and  
Card 1/2

115055-65

ACCESSION NR: AP5014279

Radiological Clinic, Medical University of Budapest)

SUBMITTED: 00

ENCL: 00

SUB CODE: LS, NP

NO REF SOV: 001

OTHER: 014

JPRS

Card 2/2 1/16

JULESZ, M.; CZEIZEL, E.; BCCNAR, E.; HANCOK, M.; ZOLTAI, N.; ZOLTAI, L.;  
JANKO, M.

Toxoplasmosis as a cause of adiposogenital dystrophy. Orv. hetil.  
105 no.36:1723 6 S '64.

CZEIZEL, Endre, dr.

Radiation injury to the fetus during pregnancy. Orv.  
hetil. 105 no. 46:2162-2167 15 N '64.

1. Országos Kozegeszsegugyi Intezet, Eletteni es  
Koreletteni Osztaly (foigazgato: Bakacs, Tibor, dr.).

C FIEEL, 'ndea, dr., orvos

Genetic Counseling Service. Term tud Kozl 9 no.1:1-6 Ja '65.

1. National Institute of Public Health, Budapest.

ZOLTAI, Nandor, dr.; JANKO, Maria, dr.; HANCSEK, Mariusz, dr.;  
PALKOVICH, Imre, dr.; CZEIZEL, Endre, dr.

Simultaneous occurrence of amebiasis and fetal diseases.  
Orv. hetil. 106 no.45:2125-2127 7 N '65.

1. Országos Kózegegysegegyi Intezet, Parazitologiai Osztaly  
(foigazgato: Bakacs, Tibor, dr.) es Fovarosi Tanacs Janos  
Korhaz, II. Szuleszeti Osztaly (foorvos: Hancsek, Mariusz, dr.).

Obstetrics and Gynecology

HUNGARY

CZEIZEL, Endre, Dr. ELEK, Emil, Dr; National Public Health Institute (chief director: BAKACS, Tibor, Dr), Department of Physiology and Pathophysiology (chief physician: KERTAI, Pal, Dr) (Orszagos Kozegeszsegugyi Intezet, Elet-es Korelettani Osztaly), and Szovetseg Street Hospital, Obstetrical Ward (chief physician: FORGACS, Jozsef, Dr) (Szovetseg Utcai Korhaz, Szuleszeti Osztaly).

"Seasonal Variations in Fertility and in the Incidence of Fetal Damage."

Budapest, Orvosi Hetilap, Vol 107, No 52, 25 Dec 66, pages 2466-2469.

Abstract: [Authors' Hungarian summary] On the basis of the 1957-63 data involving live, dead and premature births as well as spontaneous and induced abortions, the seasonal index of them and of conceptions was calculated. The number of live births exceeded the yearly average between Feb and May, and it remained below the average between Oct and Jan. Dead births were less frequent between Jul and Oct. There were no seasonal variations with respect to spontaneous abortions. Conceptions were less frequent during the late winter and early spring months and they increased in frequency during the summer months. They represent somewhat of a mirror image of the general mortality picture. 11 Eastern European, 59 Western references.

1/1

ANDRZEJEWSKI, Marcell; CZEKALSKI, Alfred; KOCIALKOWSKI, Zdzislaw

Influence of organic manuring and liming on the solubility changes of certain microelements. Prace nauk roln i lesn 18 no.2:45-50 '64.

Preliminary studies on the microelement content in mountainous soils. Ibid.:51-58

1. Department of Agricultural Chemistry, College of Agriculture, Poznan.

CZEKAJ, Anatol

From lithological and facial research on carbon formations  
in the Upper Silesian Coal Basin. Kwartalnik geol 5 no.4:988-  
989 '61.

1. Gornoslaska Stacja, Terenowa, Instytut Geologiczny, Warszawa.

CZEKAJ, Anatol; PORZYCKI, Jozef

Preliminary remarks concerning the geological studies in the southwestern part of the Upper Silesian Coal Basin. Przegl geol 10 no.9:490 S '62.

1. Instytut Geologiczny, Warszawa.

CZEKAJ, Anatol

Preliminary research results of the Brzezowka IG 1 borehole  
near Cieszyn. Kwartalnik geol 6 no.4:790-791 '62.

1. Gornoslaska Stacja Terenowa, Instytut Geologiczny,  
Sosnowiec.

*CZEKAJ, Anatoljusz*

POLAND

CZEKAJ, Anatoljusz

Upper Silesian Field Station, Geological Institute  
(Gornoslaska Stacja Terenowa Instytutu Geologicznego)

Warsaw, Kwartalnik Geologiczny, No 6, 1966, pp 557-58.

"Lithology and Facies Development of the Carboniferous  
System in Southeastern Poland on the Basis of Previous  
Investigations".

*CZEKAJ, Anatoljusz*

POLAND

CZEKAJ, Anatoljusz; PORZYCKI, Jozef

Upper Silesian Field Station, Geological Institute  
(Gornoslaska Stacja Terenowa Instytutu Geologicznego)(both)

Warsaw, Kwartalnik Geologiczny, No 3, 1965, pp 533-40.

"Geological Construction of the Brzesowka-Kaczyce  
Area North of Cieszyn".

MA  
The effect of a phenylpropionic acid on the course of experimental atherosclerosis. J. Charnick, T. Charnick, R. Gwynne, and S. Gwynne. *Br. J. Med.* 1964; 4: 384-388 (Dept. of Pathology, St. Mary's Hospital, London, England). The authors in view of studies on an atherogenic diet is quickly assisted by a phenylpropionic acid. The cholesterol and fatty acid levels in the serum and the intensity of the atherosclerotic changes are all increased. The appearance of experimental atherosclerosis in chicks fed a diet is not entirely affected by a phenylpropionic acid. It is partially inhibited. S. M. RAYSON

SUPNIEWSKI, J.; DLUZNIEWSKI, A.; CZEKAJ, S.; VETULANI, J.

Investigations on experimental atherosclerosis. The effect of 2-methyl-2-butene-carboxylic acid on experimental atherosclerosis in white rats. Bul Ac Pol biol 8 no.6:237-242 '60. (EEAI 9:12)

1. Institute of Pharmacology (Cracow) Polish Academy of Sciences and Department of Pharmacology, School of Medicine, Cracow. Presented by J.Supniewski.

(ATHERIOSCLEROSIS)

(METHYLBUTENECARBOXYLIC ACID)

9.2560

P/034/61/000/004/002/002  
A076/A12b

AUTHOR: Czekajewski, Jan, Master of Engineering

TITLE: Transistor arrangement determining the direction change of a body

PERIODICAL: Pomlary, Automatyka, Kontrola, no. 4, 1961, 137 - 138

TEXT: The article describes a transistor arrangement permitting sequence recognition of two electric impulses marking the change of direction of a body. If possibility exists of observing an object moving by two control points located one behind the other, the direction of an object differs by the sequence of signals from these points. The author expresses thanks to Professor P. A. Tove from the Institute of Physics, University of Uppsala, Sweden, for his aid in preparing the above arrangement. There are 10 figures.

B

Card 1/1

CZEKAJEWSKI, Jan, mgr inż.

The celloscope, an apparatus for computing small particles.  
Pomiary 8 no.1:32 Ja '62.

CZEKAJEWSKI, Jan, mgr inż.

Application of silicon condensers in semiconductor circuits  
for currentless measurements of potentials. Pomiary 8  
no.8:366-367 Ag '62.

1. Katedra Fizyki Doswiadczalnej, Uniwersytet im. Marii  
Curie-Sklodowskiej, Lublin.